

allowable level. It was assumed that if the final percentage was less than 100%, then the construction of the proposed facilities at the proposed location would present no radiation hazard. As will be demonstrated, the proposed operation constitutes only 1.890% of the allowable limit. Thus the construction of the facilities proposed would present no radiation hazard.

The following assumptions were made for the Jupiter FM analysis:

1. All facilities within 1 km. are considered to be at the same site as the proposed site. As there are no TV, or AM or non-broadcast facilities within 1 kilometer, only the proposed FM facilities were considered.
2. All FM stations were considered to be circularly polarized.
3. Worst case downward radiation was used.
4. S, the power density at ground level was calculated using the following formula:

$$S = \frac{(0.64)(1.64)(\text{Power})(1000)}{(\text{PI})(\text{Distance}^{**2})}$$

Where:

S = Power Density at ground level in milliwatts/square centimeter
 PI = 3.1416
 Power = total power in watts
 Distance = from base of tower to center of radiation in cm.
 **2 = to the second power (squared)

Table A gives the results of the analysis and clearly demonstrates that the construction of the proposed Jupiter FM operation does not pose a radiation hazard.

TABLE A

Station	Height (meters)	Power (kilowatts)	S (mw/sq.cm)	S Limit (mw/sq.cm)	Percentage of Limit (%)
Proposed	103	6.0	.01889512	1.000	1.890
TOTAL					1.890

ELECTROMAGNETIC COMPATIBILITY

The proposed antenna site is not located within 60 meters of any known AM, FM, or television broadcast facilities. There are no known non-broadcast radio stations or communications facilities of any kind within 60 meters of the proposed antenna site. The following broadcast facilities are located within 10 km of the proposed transmitting site:

Type	Call sign	Chan	Auth	Height (m)	Power (kW)	City	State	Bear. (deg)	Dist. (km)
AM	WTRU	1000	LIC		1	JUPITER	FL	257.9	2.65
FM	W265AF	265	CP		0	JUPITER	FL	3.7	2.59
TV	DW09BH	9	CP	44	.021	JUPITER	FL	261.2	4.63

No adverse interaction is expected to occur between the proposed facility and any of the above listed facilities. Applicant acknowledges its responsibility to correct any problems caused by intermodulation interference resulting from its proposed operation of channel 258 with any of the above listed facilities and certifies that it will take full financial responsibility for resolving any interference related problems.

The 115 dBu (50/50) blanketing contour extends 0.68 km from the proposed site. Although unlikely, should any blanket interference arise, applicant will work to solve the problem in an expedient manner and will take full financial responsibility for the resolution of all complaints for a period of one year following commencement of program tests. After the first year, applicant will continue to provide technical information and assistance to complainants. No

specific procedure is proposed as each case will be handled as the circumstances dictate.

**Respectfully Submitted,
Broadcast Technical, Inc.**

By Kenneth Devine

Kenneth Devine

December 1988

FIGURE 1
 CHANNEL STUDY
 NEW FM STATION
 CH. 258-A 99.5 MHz. 3kW 100 METERS
 JUPITER BROADCASTING INC.
 JUPITER, FLORIDA

REFERENCE				CLASS A		DISPLAY		SEARCH DATE	
26	56	40	N					12-26-88	
80	5	30	W						
----- CHANNEL 258 - 99.5 MHz -----									
CALL	CH#	CITY		STATE	BEAR'	D-KM	R-KM	MARGIN	
TYPE	LAT	LNG		PWR	HT	D-Mi	R-Mi	(KM)	
AL258	258A	Jupiter		FL	257.9	2.65			
AL CN	26 56 22	80 7 4		0.0 kW	0 M	1.6			
	N87-233								
WKSJ-A	258A	Jupiter		FL	257.9	2.65			
AP CN	26 56 22	80 7 4		3.0 kW	91 M	1.6			
	Us Three Broadcasting Corpora BPH880831IE								
AP259	259C2	Vero Beach		FL	338.8	105.0	105.0	0.00 *	
AP CN	27 49 38	80 28 28		50.0 kW	140 M				
	Sun Coast Broadcasting Compan 880523MG								
AP259	259C2	Vero Beach		FL	338.6	105.00	105.0	0.00 *	
AP CN	27 49 33	80 28 44		50.0 kW	49 M				
	Gwendolyn G. Rowland 880523ML								
AP259	259C2	Vero Beach		FL	338.7	105.00	105.0	0.00 *	
AP CN	27 49 36	80 28 36		50.0 kW	150 M				
	Margarita Maria Bonza 880523MP								
AP259	259C2	Vero Beach		FL	338.7	105.00	105.0	0.00 *	
AP CN	27 49 36	80 28 36		50.0 kW	102 M				
	Orchid Isle Communications, I 880523MW								
AP259	259C2	Vero Beach		FL	338.7	105.00	105.0	0.00 *	
AP CN	27 49 36	80 28 36		50.0 kW	150 M				
	Indian River Broadcasting, In 880523MS								
AP259	259C2	Vero Beach		FL	338.7	105.00	105.0	0.00 *	
AP CN	27 49 36	80 28 36		50.0 kW	150 M				
	Wtet Limited Partnership 880523MM								
AP259	259C2	Vero Beach		FL	338.7	105.00	105.0	0.00 *	
AP CN	27 49 36	80 28 36		50.0 kW	150 M				
	Coastal Comm FM Radio Lmted Pt 880523MZ								

* Please note that distance calculations for all subject stations marked with a star have been rounded to the nearest kilometer in accordance with procedures outlined in Section 73.208(c)(7) of the FCC Rules

FIGURE 1, Page 2
CHANNEL STUDY
NEW FM STATION
CH. 258-A 99.5 MHz. 3kW 100 METERS
JUPITER BROADCASTING INC.
JUPITER, FLORIDA

CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
AP259 AP CN	259C2 27 49 37	Vero Beach 80 28 34	FL 50.0 kW	338.7 91 M	105.00	105.0	0.00 *
		Vero Beach Communications, In				880523MV	
AP259 AP CN	259C2 27 49 36	Vero Beach 80 28 39	FL 50.0 kW	338.7 150 M	105.00	105.0	0.00 *
		Fisher Broadcasting, Inc.				880523MY	
AP259 AP CN	259C2 27 49 41	Vero Beach 80 28 33	FL 50.0 kW	338.8 92 M	105.02 65.3	105.0 65.3	0.02 <
		Denette Schweikert				880523MT	
AP259 AP CN	259C2 27 49 41	Vero Beach 80 28 33	FL 50.0 kW	338.8 150 M	105.02 65.3	105.0 65.3	0.02 <
		American Indian Broadcast Gro				880523MF	
WCXL-A AP CN	259C2 27 49 39	Vero Beach 80 28 42	FL 50.0 kW	338.7 151 M	105.06 65.3	105.0 65.3	0.06 <
		Treasure Coast Media, Inc.				BMPH880523NA	
AP259 AP CN	259C2 27 49 30	Vero Beach 80 29 8	FL 50.0 kW	338.2 150 M	105.06 65.3	105.0 65.3	0.06 <
		Helen V. Millar				880523NB	
AL259 AL CN	259C2 27 49 45	Vero Beach 80 28 30	FL 0.0 kW	338.9 0 M	105.11 65.3	105.0 65.3	0.11 <
		N86-284				880523	
AP259 AP CN	259C2 27 49 33	Vero Beach 80 29 8	FL 50.0 kW	338.3 150 M	105.15 65.3	105.0 65.3	0.15 <
		Wilson Broadcasting Company				880523MO	
AP259 AP CN	259C2 27 49 49	Vero Beach 80 29 11	FL 50.0 kW	338.3 88 M	105.64 65.7	105.0 65.3	0.64 <
		Christine Harvel				880523MC	
WKIS LI DCN	260C 25 59 34	Boca Raton 80 10 27	FL 100.0 kW	184.5 300 M	105.76 65.7	105.0 65.3	0.76 <
		Sunshine Wireless Company, In				BLH871216KH	

* Please note that distance calculations for all subject stations marked with a star have been rounded to the nearest kilometer in accordance with procedures outlined in Section 73.208(c)(7) of the FCC Rules

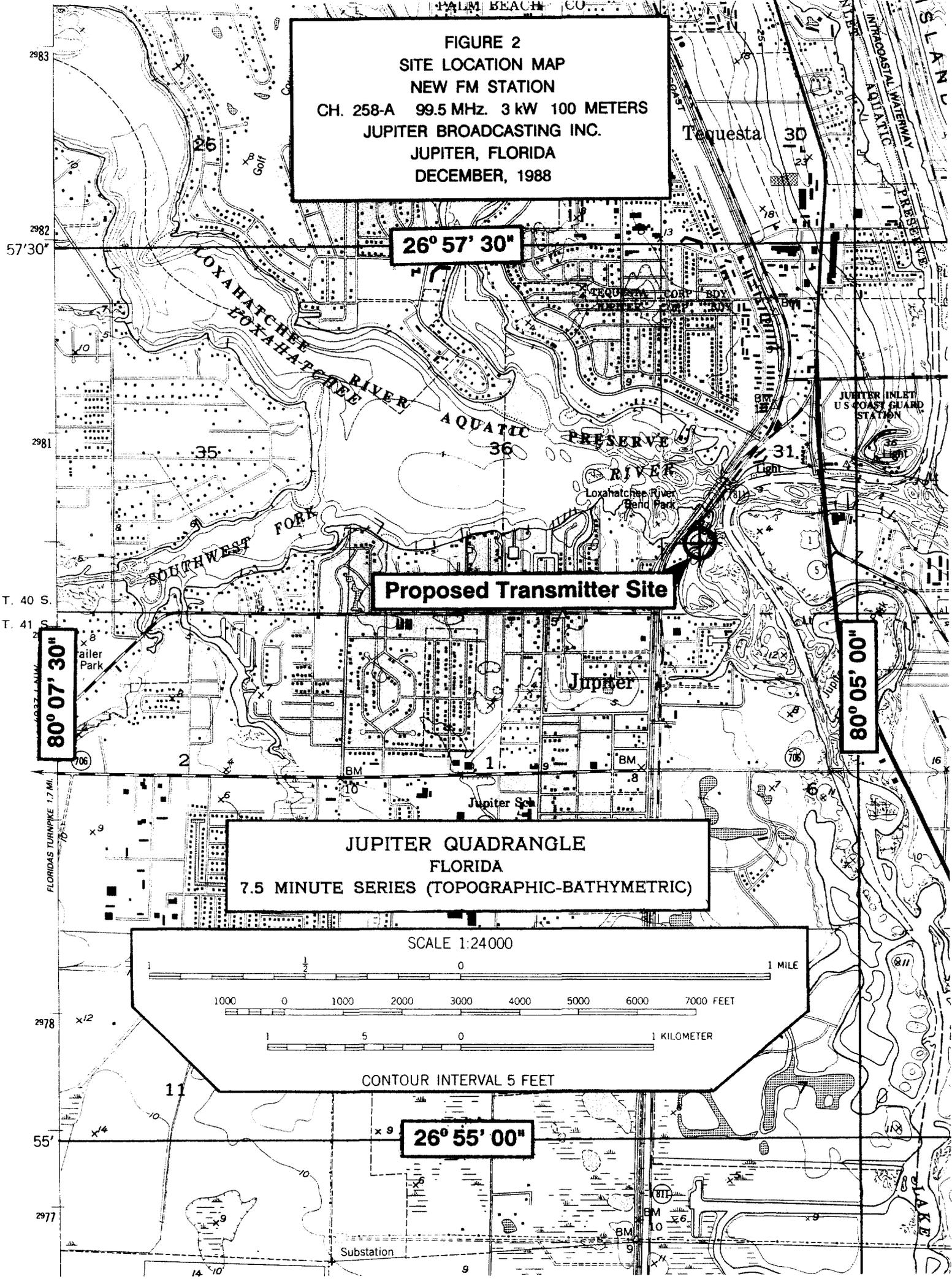
FIGURE 1, Page 3
 CHANNEL STUDY
 NEW FM STATION
 CH. 258-A 99.5 MHz. 3kW 100 METERS
 JUPITER BROADCASTING INC.
 JUPITER, FLORIDA

CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
AP259 AP CN	259C2 27 49 49	Vero Beach 80 29 27	FL 50.0 kW	338.1 150 M	105.80 65.8	105.0 65.3	0.80 <
		Jo Ann Radakovic				880523MR	
AP259 AP CN	259C2 27 50 58	Vero Beach 80 26 39	FL 50.0 kW	340.8 150 M	106.17 66.0	105.0 65.3	1.17 <
		John D. Earman				880523NF	
WEDR-A AP DEN	256C 25 57 59	Miami 80 12 33	FL 100.0 kW	186.2 307 M	108.99 67.7	105.0 65.3	3.99
		WEDR, Inc.				BPH860506ID	
WQCS LI CN	205C1 27 25 17	Fort Pierce 80 21 23	FL 100.0 kW	333.6 133 M	59.00 36.7	32.0 19.9	27.00
		Indian River Community Colleg				BLED860414KD	
WQYK-C CP CY	258C1 27 50 32	St. Petersburg 82 15 46	FL 44.0 kW	294.9 414 M	236.67 147.1	196.0 121.8	40.67
		Infinity B/Cting Corp. of Flo				BPH870227NC	
WEDR LI EN	256C1 25 48 32	Miami 80 13 16	FL 70.0 kW	185.9 50 M	126.47 78.6	74.0 46.0	52.47
		WEDR, Inc.				BLH6498	
WQYK LI CN	258C1 27 56 50	St. Petersburg 82 27 35	FL 100.0 kW	295.4 168 M	259.14 161.1	196.0 121.8	63.14
		Infinity B/Cting Corp. of Flo				BLH800313AC	
AL257 AL CN	257C2 28 21 24	Cocoa 80 43 42	FL 0.0 kW	338.1 0 M	168.63 104.8	105.0 65.3	63.63
		N87-527					
WAIL-C CP CN	258C 24 40 26	Key West 81 31 10	FL 100.0 kW	209.6 302 M	289.43 179.9	222.0 138.0	67.43
		Conch City Communications, In				BPH870302MZ	
AL258 AL CN	258C 24 39 25	Key West 81 32 18	FL 0.0 kW	209.8 0 M	292.00 181.5	222.0 138.0	70.00
		N21239					

* Please note that distance calculations for all subject stations marked with a star have been rounded to the nearest kilometer in accordance with procedures outlined in Section 73.208(c)(7) of the FCC Rules

END CHANNEL 258-A STUDY

FIGURE 2
SITE LOCATION MAP
NEW FM STATION
CH. 258-A 99.5 MHZ. 3 KW 100 METERS
JUPITER BROADCASTING INC.
JUPITER, FLORIDA
DECEMBER, 1988



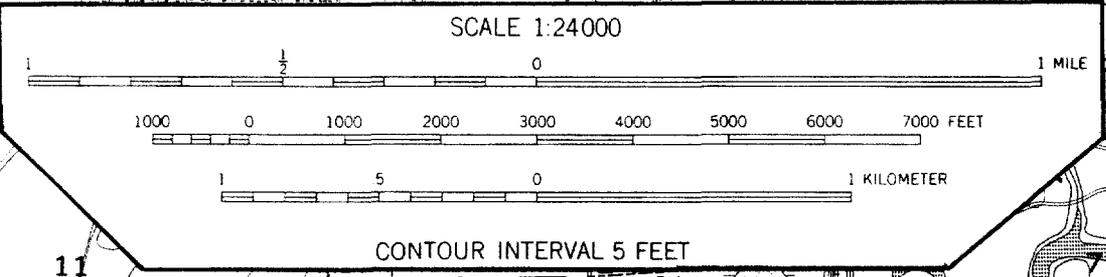
26° 57' 30"

Proposed Transmitter Site

80° 07' 30"

80° 05' 00"

JUPITER QUADRANGLE
FLORIDA
7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC)



26° 55' 00"

2983
 2982
 57'30"
 2981
 T. 40 S.
 T. 41 S.
 2978
 55'
 2977

Tequesta 30

JUPITER INLET
U.S. COAST GUARD
STATION

LOXAHATCHEE RIVER
PRESERVE

LOXAHATCHEE RIVER
BEND PARK

Jupiter

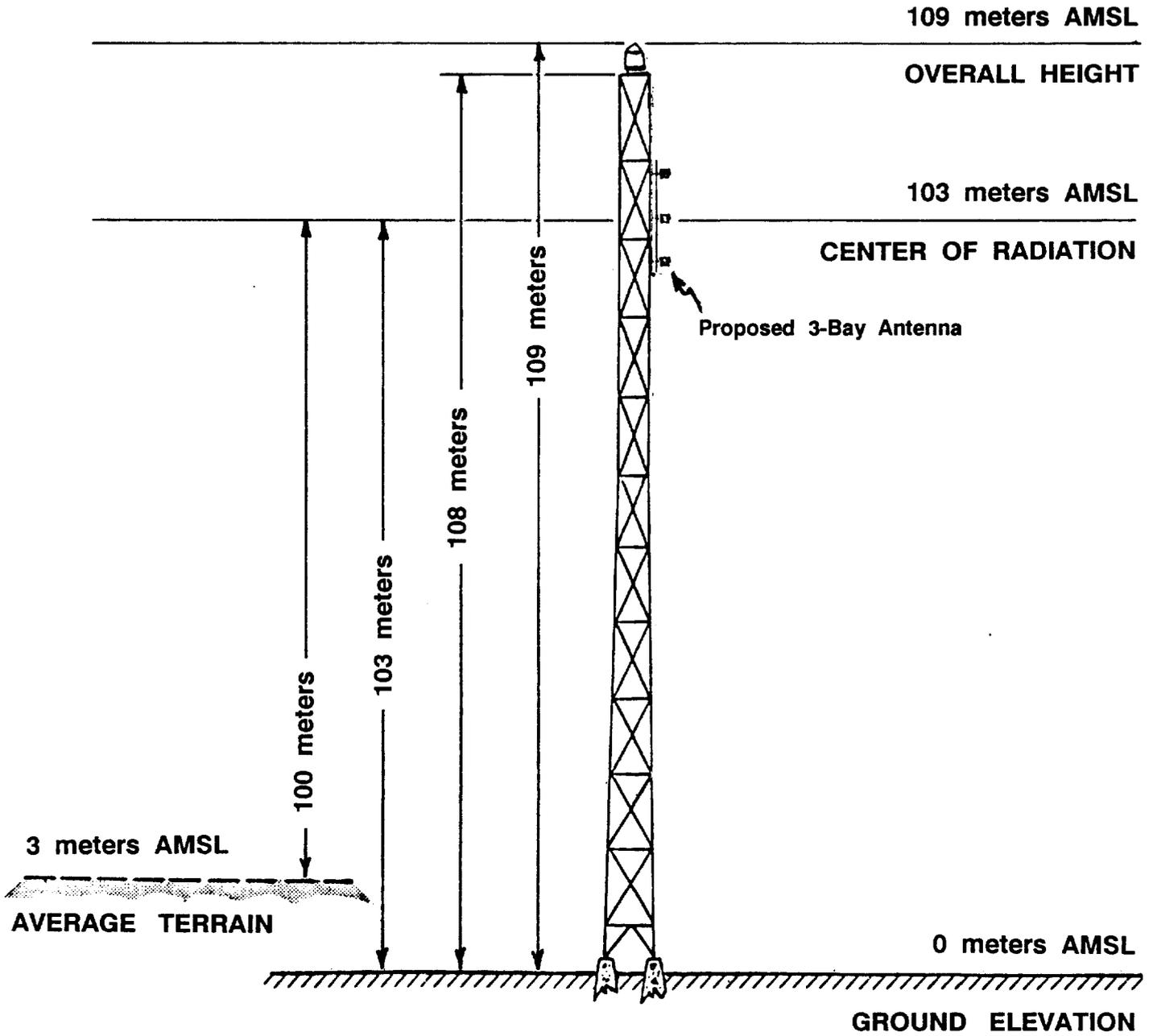
Jupiter Sch

Substation

LAKE

N. 26° 56' 40"

W. 80° 05' 30"



Not to Scale

FIGURE 3
ANTENNA SKETCH
NEW FM STATION
CH. 258-A 99.5 MHz. 3 kW 100 METERS
JUPITER BROADCASTING INC.
JUPITER, FLORIDA
DECEMBER, 1988

FIGURE 4
 ELEVATION AND CONTOUR DATA
 NEW FM STATION
 CH. 258-A 99.5 MHz. 3kW 100 METERS
 JUPITER BROADCASTING INC.
 JUPITER, FLORIDA

Radial and Bearing (Degrees)	Average Elevation (3-16km) Meters	Effective Antenna Height Meters	Effective Radiated Power (dBk)	Predicted Contours	
				70 dBu km	60 dBu km
0	4	99	4.77	13.4	24.1
** 45	0	103	4.77	13.7	24.6
** 90	0	103	4.77	13.7	24.6
** 135	0	103	4.77	13.7	24.6
180	4	99	4.77	13.4	24.1
* 208	5	98	4.77	13.3	24.0
225	5	98	4.77	13.3	24.0
270	2	101	4.77	13.5	24.3
315	0	103	4.77	13.7	24.6

* Radial over principal community, not included in average terrain calculations

** NOTE: 45°, 90°, and 135° radials lie entirely over water and are not included in calculation of average antenna elevation as per 73.313(d)(2)

Height of radiation center above mean sea level	103 meters
Height of average terrain above mean sea level	3 meters
Height of radiation center above average terrain	100 meters

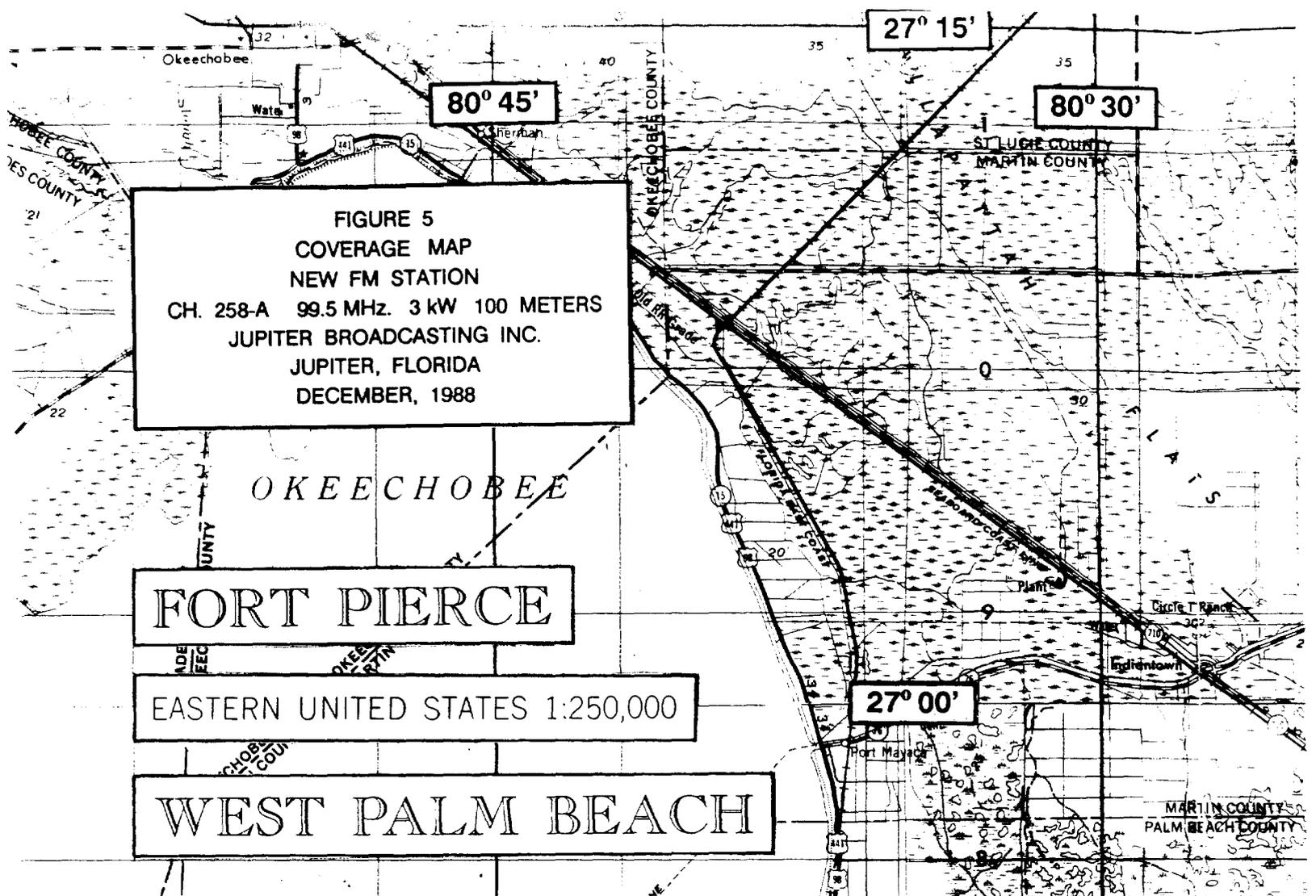
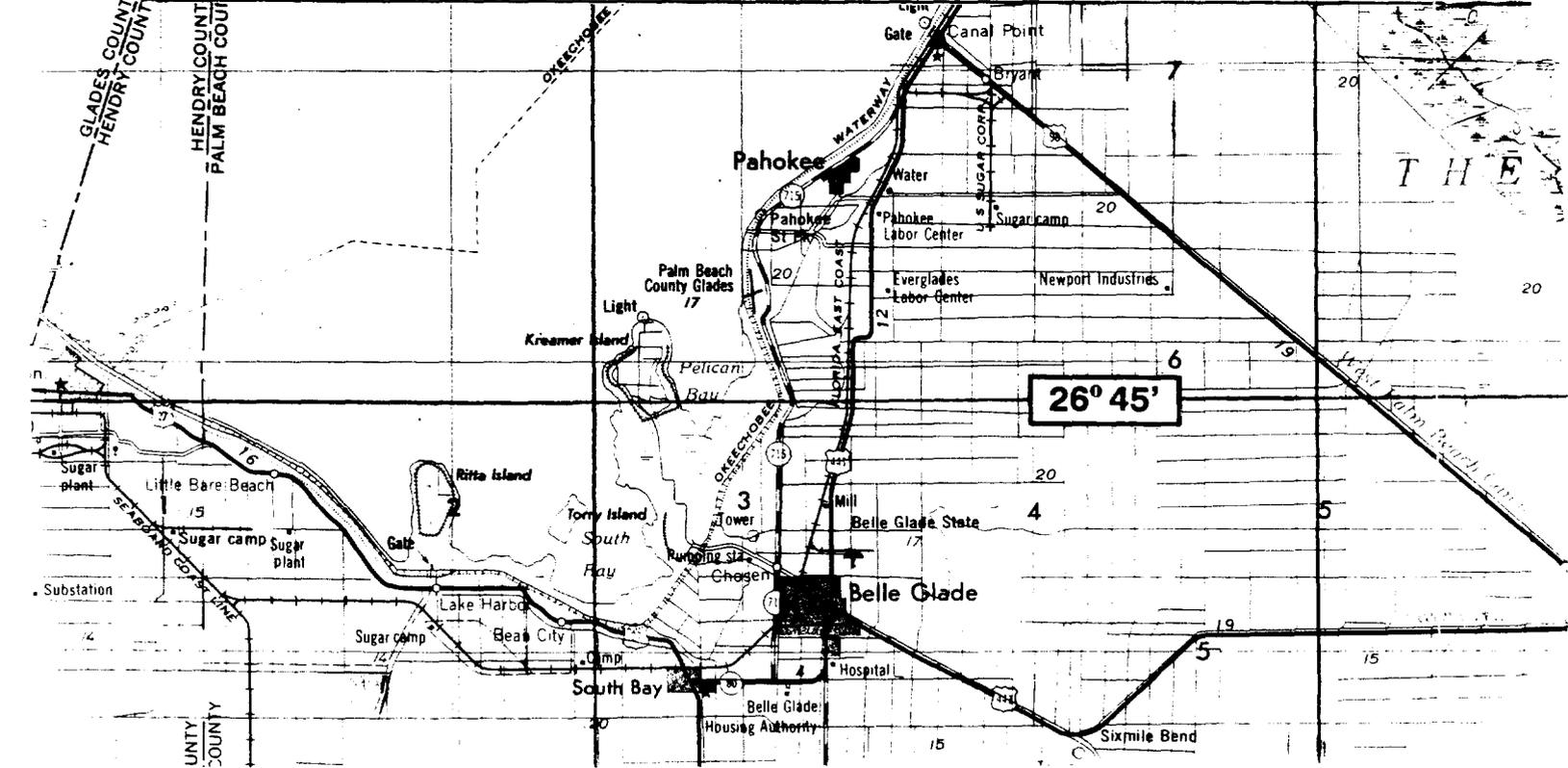
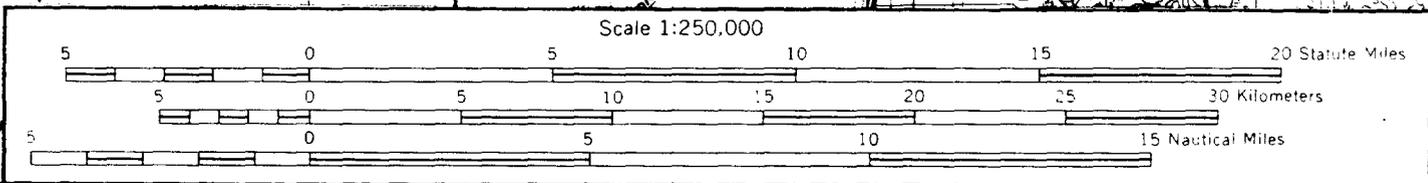


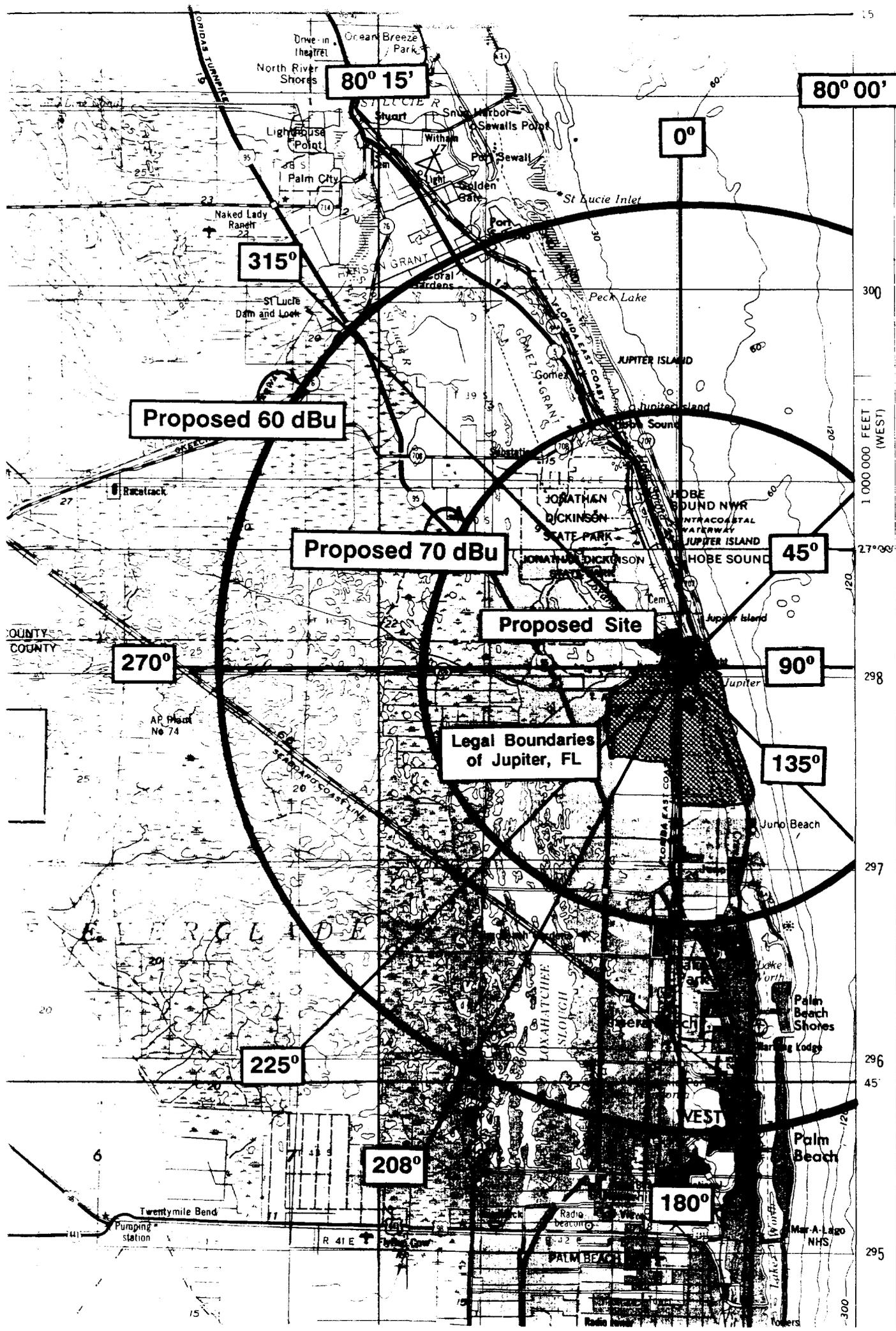
FIGURE 5
COVERAGE MAP
NEW FM STATION
 CH. 258-A 99.5 MHz. 3 KW 100 METERS
 JUPITER BROADCASTING INC.
 JUPITER, FLORIDA
 DECEMBER, 1988

FORT PIERCE

EASTERN UNITED STATES 1:250,000

WEST PALM BEACH





80° 15'

80° 00'

0°

315°

Proposed 60 dBu

Proposed 70 dBu

Proposed Site

45°

270°

90°

Legal Boundaries of Jupiter, FL

135°

225°

208°

180°

300

1 000 000 FEET (WEST)

270° 00'

298

297

296

45'

295

300

COUNTY COUNTY

AP. Map No 74

Twenty Mile Bend Pumping station

R 41 E

Radio beacon

Palm Beach Shores

Marling Lodge

Palm Beach

Mar A Lago NHS

North River Shores
Stuart
Sewalls Point
Golden Gate
St Lucie Inlet

Palm City
St Lucie Dam and Lock
PERSON GRANT
Gomez Grant
Peck Lake

JUPITER ISLAND
Jupiter Sound

JOBATHAN DICKINSON STATE PARK
JUPITER ISLAND
HOBE SOUND

Jupiter

Jupiter Beach

LOXAHATCHIE SLough

WEST

PALM BEACH

Stuart Harbor
Sewalls Point
Golden Gate
St Lucie Inlet

PERSON GRANT
Gomez Grant
Peck Lake

JUPITER ISLAND
Jupiter Sound

JOBATHAN DICKINSON STATE PARK
JUPITER ISLAND
HOBE SOUND

Jupiter

Jupiter Beach

LOXAHATCHIE SLough

WEST

PALM BEACH

Stuart Harbor
Sewalls Point
Golden Gate
St Lucie Inlet

PERSON GRANT
Gomez Grant
Peck Lake

JUPITER ISLAND
Jupiter Sound

JOBATHAN DICKINSON STATE PARK
JUPITER ISLAND
HOBE SOUND

Jupiter

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JUPITER ISLAND
Jupiter Sound

JOBATHAN DICKINSON STATE PARK
JUPITER ISLAND
HOBE SOUND

Jupiter

Jupiter Beach

LOXAHATCHIE SLough

WEST

PALM BEACH

**BROADCAST EQUAL EMPLOYMENT OPPORTUNITY
MODEL PROGRAM REPORT**

1. APPLICANT

Name of Applicant Jupiter Broadcasting Corp.	Address 1260 West Third Street Riviera Beach, Florida
Telephone Number (include area code) (407) 881-7460	

2. This form is being submitted in conjunction with:

Application for Construction Permit for New Station Application for Assignment of License

Application for Transfer of Control

(a) Call letters (or channel number of frequency) Ch. 258A

(b) Community of License (city and state) Jupiter, Florida

(c) Service:

AM FM TV Other (Specify) _____

INSTRUCTIONS

Applicants seeking authority to construct a new commercial, noncommercial or international broadcast station, applicants seeking authority to obtain assignment of the construction permit or license of such a station, and applicants seeking authority to acquire control of an entity holding such construction permit or license are required to afford equal employment opportunity to all qualified persons and to refrain from discrimination in employment and related benefits on the basis of race, color, religion, national origin or sex. See Section 73.2080 of the Commission's Rules. Pursuant to these requirements, an applicant who proposes to employ five or more full-time employees must establish a program designed to assure equal employment opportunity for women and minority groups (that is, Blacks not of Hispanic origin, Asians or Pacific Islanders, American Indians or Alaskan Natives and Hispanics). This is submitted to the Commission as the Model EEO Program. If minority group representation in the available labor force is less than five percent (in the aggregate), a program for minority group members is not required. In such cases, a statement so indicating must be set forth in the EEO model program. However, a program must be filed for women since they comprise a significant percentage of virtually all area labor forces. If an applicant proposes to employ fewer than five full-time employees, no EEO program for women or minorities need be filed.

Guidelines for a Model EEO Program and a Model EEO Program are attached.

NOTE: Check appropriate box, sign the certification below and return to FCC:

Station will employ fewer than 5 full-time employees; therefore no written program is being submitted.

Station will employ 5 or more full-time employees. Our Model EEO Program is attached. (You must complete all sections of this form.)

I certify that the statements made herein are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this 30th day of December, 19 88

Signed [Signature]

Title President

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U.S. CODE, TITLE 18, SECTION 1001.**

GUIDELINES TO THE MODEL EEO PROGRAM

The model EEO program adopted by the Commission for construction permit applicants, assignees and transferees contains five sections designed to assist the applicant in establishing an effective EEO program for its station. The specific elements which should be addressed are as follows:

I. GENERAL POLICY

The first section of the program should contain a statement by the applicant that it will afford equal employment opportunity in all personnel actions without regard to race, color, religion, national origin or sex, and that it has adopted an EEO program which is designed to fully utilize the skills of qualified minorities and women in the relevant available labor force.

II. RESPONSIBILITY FOR IMPLEMENTATION

This section calls for the name (if known) and title of the official who will be designated by the applicant to have responsibility for implementing the station's program.

III. POLICY DISSEMINATION

The purpose of this section is to disclose the manner in which the station's EEO policy will be communicated to employees and prospective employees. The applicant's program should indicate whether it: (a) intends to utilize an employment application form which contains a notice informing job applicants that discrimination is prohibited and that persons who believe that they have been discriminated against may notify appropriate governmental agencies; (b) will post a notice which informs job applicants and employees that the applicant is an equal opportunity employer and that they may notify appropriate governmental authorities if they believe that they have been discriminated against; and (c) will seek the cooperation of labor unions, if represented at the station, in the implementation of its EEO program and in the inclusion of nondiscrimination provisions in union contracts. The applicant should also set forth any other methods it proposes to utilize in conveying its EEO policy (e.g., orientation materials, on-air announcements, station newsletter) to employees and prospective employees.

IV. RECRUITMENT

The applicant should specify the recruitment sources and other techniques it proposes to use to attract qualified minority and female job applicants. Not all of the categories of recruitment sources need be utilized. The purpose of the listing is to assist the applicant in developing specialized referral sources to establish a pool of qualified minorities and women who can be contacted as job opportunities occur. Sources which subsequently prove to be nonproductive should not be relied on and new sources should be sought.

V. TRAINING

Training programs are not mandatory. Each applicant is expected to decide, depending upon its own individual situation, whether a training program is feasible and would assist in its effort to increase the available pool of qualified minority and female applicants. Additionally, the applicant may set forth any other assistance it proposes to give to students, schools or colleges which is designed to be of benefit to minorities and women interested in entering the broadcasting field. The beneficiary of such assistance should be listed, as well as the form of assistance, such as contributions to scholarships, participation in work study programs, and the like.

MODEL EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

I. GENERAL POLICY

It will be our policy to provide employment opportunity to all qualified individuals without regard to their race, color, religion, national origin or sex in all personnel actions including recruitment, evaluation, selection, promotion, compensation, training and termination.

It will also be our policy to promote the realization of equal employment opportunity through a positive, continuing program of specific practices designed to ensure the full realization of equal employment opportunity without regard to race, color, religion, national origin or sex.

To make this policy effective, and to ensure conformance with the Rules and Regulations of the Federal Communications Commission, we have adopted an Equal Employment Opportunity Program which includes the following elements:

II. RESPONSIBILITY FOR IMPLEMENTATION

(Name/Title) Charles E. Reid will be responsible for the administration and implementation of our Equal Employment Opportunity Program. It will also be the responsibility of all persons making employment decisions with respect to the recruitment, evaluation, selection, promotion, compensation, training and termination of employees to ensure that our policy and program is adhered to and that no person is discriminated against in employment because of race, color, religion, national origin or sex.

III. POLICY DISSEMINATION

To assure that all members of the staff are cognizant of our equal employment opportunity policy and their individual responsibilities in carrying out this policy, the following communication efforts will be made:

- The station's employment application form will contain a notice informing prospective employees that discrimination because of race, color, religion, national origin or sex is prohibited and that they may notify the appropriate local, State or Federal agency if they believe they have been the victims of discrimination.
- Appropriate notices will be posted informing applicants and employees that the station is an Equal Opportunity Employer and of their right to notify an appropriate local, State or Federal agency if they believe they have been the victims of discrimination.
- We will seek the cooperation of unions, if represented at the station, to help implement our EEO program and all union contracts will contain a nondiscrimination clause.
- Other (specify)

IV. RECRUITMENT

To ensure nondiscrimination in relation to minorities and women, and to foster their full consideration whenever job vacancies occur, we propose to utilize the following recruitment procedures:

- We will contact a variety of minority and women's organizations to encourage the referral of qualified minority and women applicants whenever job vacancies occur. Examples of organizations we intend to contact are:

American Women in Radio and Television
NAACP
Sun Coast Chamber of Commerce
Urban League of Palm Beach County

- In addition to the organizations noted above, which specialize in minority and women candidates, we will deal only with employment services, including State employment agencies, which refer job candidates without regard to their race, color, religion, national origin or sex. Examples of these employment referral services are:

Job Service of Florida
David Wood Personnel

- When we recruit prospective employees from educational institutions such recruitment efforts will include area schools and colleges with minority and women enrollments. Educational institutions to be contacted for recruitment purposes are:

Connecticut School of Broadcasting of Palm Beach
Florida A&M University
Florida Atlantic University
Palm Beach Junior College

- When we place employment advertisements with media some of such advertisements will be placed in media which have significant circulation or viewership or are of particular interest to minorities and women. Examples of media to be utilized are:

Florida Photo News
Palm Beach Post

- We will encourage employees to refer qualified minority and women candidates for existing and future job openings.

V. TRAINING

Station resources and/or needs will be such that we will be unable or do not choose to institute programs for upgrading the skills of employees.

We will provide on-the-job training to upgrade the skills of employees.

We will provide assistance to students, schools, or colleges in programs designed to enable qualified minorities and women to compete in the broadcast employment market on an equitable basis:

School or Other Beneficiary
Local high schools, including:

Proposed Form of Assistance
Internships

Jupiter High School

Sun Coast High School

Other (specify)

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT
AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the application requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers, and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information requested is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3) AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

Form V-B

FM BROADCAST ENGINEERING DATA

For Commission Use Only
File No.
ASB Referral Date
Referred by

BPH-890103MD
6-6-89
GARY WILSON

Name of Applicant

JUPITER BROADCASTING, INC.

Call letters (if issued)

NOT ISSUED

Is this application being filed in response to a window?

Yes No

If yes, specify closing date: DOES NOT APPLY

Purpose of Application (check appropriate box(es))

- Construct a new (main) facility
- Construct a new auxiliary facility
- Modify existing construction permit for main facility
- Modify existing construction permit for auxiliary facility
- Modify licensed main facility
- Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

- Antenna supporting-structure height
 - Effective radiated power
 - Antenna height above average terrain
 - Frequency
 - Antenna location
 - Class
 - Main studio location
 - Other (summarize briefly)
- FCC
OBSTRUCTION MARKING REQUIRED
 FCC FORM 716 - PAR. 13, 4, 13, 2120
 FCC FORM 716A - PAR.
 (FAA STUDY # 89-150-66-06 3/15/89)
 (FCC TOWER # 88603)
 FIELD OPER. BUR. 7/6/89 FOR ASB

File Number(s)

1. Allocation:

Channel No.	City	Principal Community to be served:		State	Class (check only one box below)		
		County			<input checked="" type="checkbox"/> A	<input type="checkbox"/> B1	<input type="checkbox"/> B
258	JUPITER	PALM BEACH		FL	<input type="checkbox"/> C2	<input type="checkbox"/> C1	<input type="checkbox"/> C

2. Exact location of antenna.

- (a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.
 APPROXIMATELY .12 KM DUE EAST OF STATE ROAD 811, ADJACENT TO JUPITER INLET WATERWAY, CITY OF JUPITER, PALM BEACH COUNTY, FLORIDA
- (b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude 26° 56' 40" Longitude 80° 05' 30"

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? Yes No

If Yes, give call letter(s) or file number(s) or both. DOES NOT APPLY
If proposal involves a change in height of an existing structure, specify existing height, above ground level, including antenna, all other appurtenances, and lighting, if any.
NEW CONSTRUCTION, DOES NOT APPLY

4. Does the application propose to correct previous site coordinates?
If Yes, list old coordinates. DOES NOT APPLY

Yes No

Latitude _____° _____' _____" Longitude _____° _____' _____"

5. Has the FAA been notified of the proposed construction?

Yes No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Date DECEMBER 27, 1988

Office where filed SOUTHERN REGIONAL FAA OFFICE
EAST POINT, GA

Exhibit No.

E

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to the nearest point of the nearest runway.

Landing Area	Distance (km)	Bearing (degrees True)
(a) <u>PALM BEACH-MARTIN COUNTY HELIPORT</u>	<u>2.40KM</u>	<u>189.2°</u>
(b) _____	_____	_____

7. (a) Elevation: (to the nearest meter)

(1) of site above mean sea level; _____ 0 meters

(2) of the top of supporting structure above ground (including antenna, and all other appurtenances, and lighting, if any); and _____ 109 meters

(3) of the top of supporting structure above mean sea level [(a)(1) + (a)(2)] _____ 109 meters

(b) Height of radiation center: (to the nearest meter) H - Horizontal V - Vertical

(1) above ground _____ 103 meters (H)

_____ 103 meters (V)

(2) above mean sea level [(a)(1) + (b)(1)] _____ 103 meters (H)

_____ 103 meters (V)

(3) above average terrain _____ 100 meters (H)

_____ 100 meters (V)

Exhibit No.

E

8. Attach as an Exhibit sketch(es) of Items 7(a), 7(b)(1) and 7(b)(2) above. If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

9. Effective Radiated Power:

(a) ERP in the horizontal plane _____ 3.0 kw (H*)

_____ 3.0 kw (V*)

(b) Is beam tilt proposed?

Yes No

Exhibit No.

DNA

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

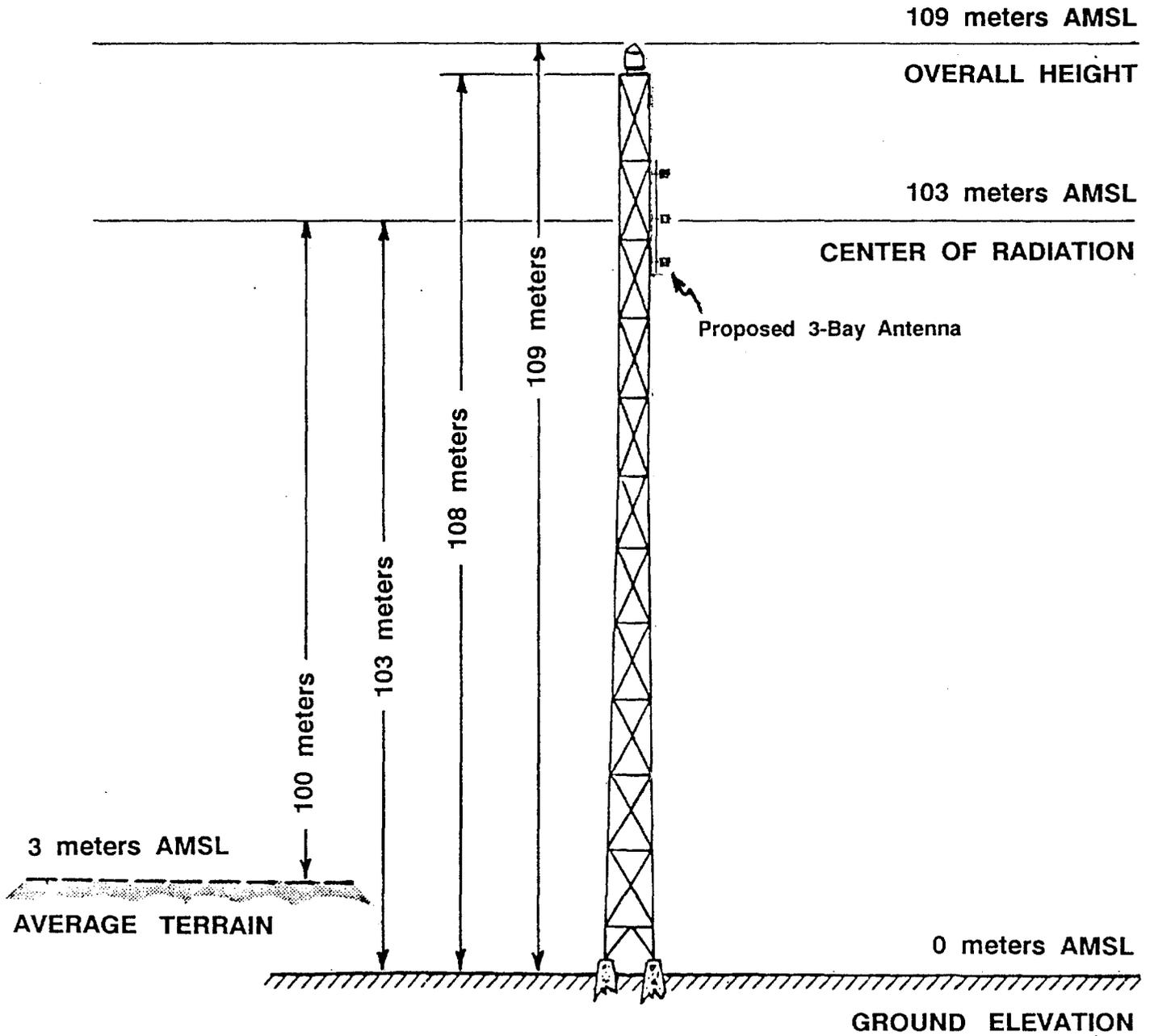
DNA kw (H*)

DNA kw (V*)

*Polarization

N. 26° 56' 40"

W. 80° 05' 30"



Not to Scale

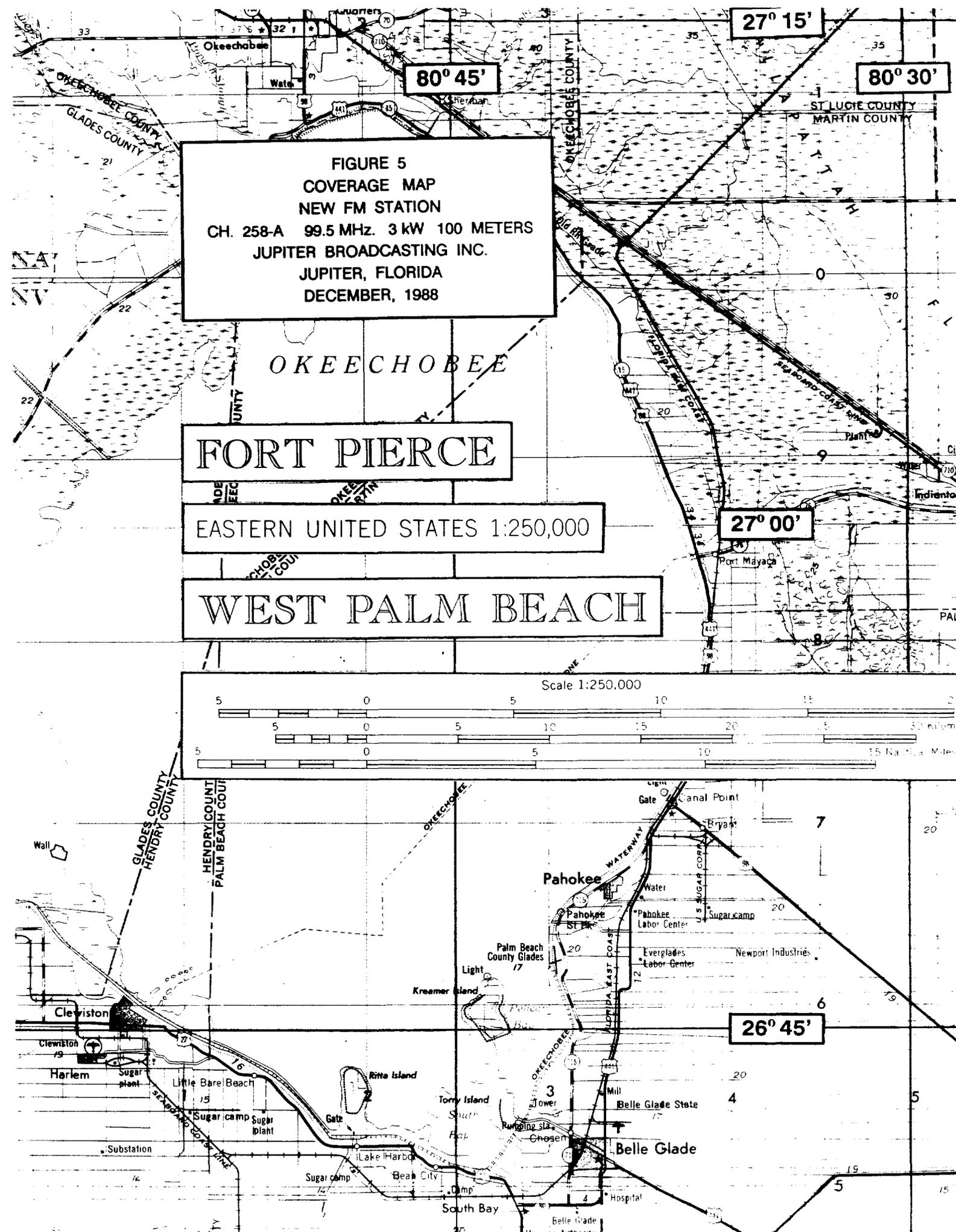
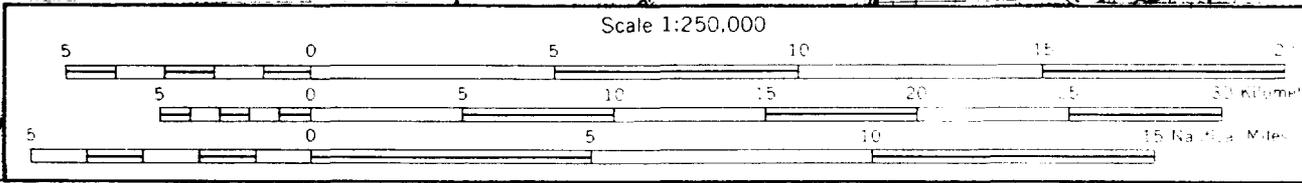
FIGURE 3
ANTENNA SKETCH
NEW FM STATION
CH. 258-A 99.5 MHz. 3 kW 100 METERS
JUPITER BROADCASTING INC.
JUPITER, FLORIDA
DECEMBER, 1988

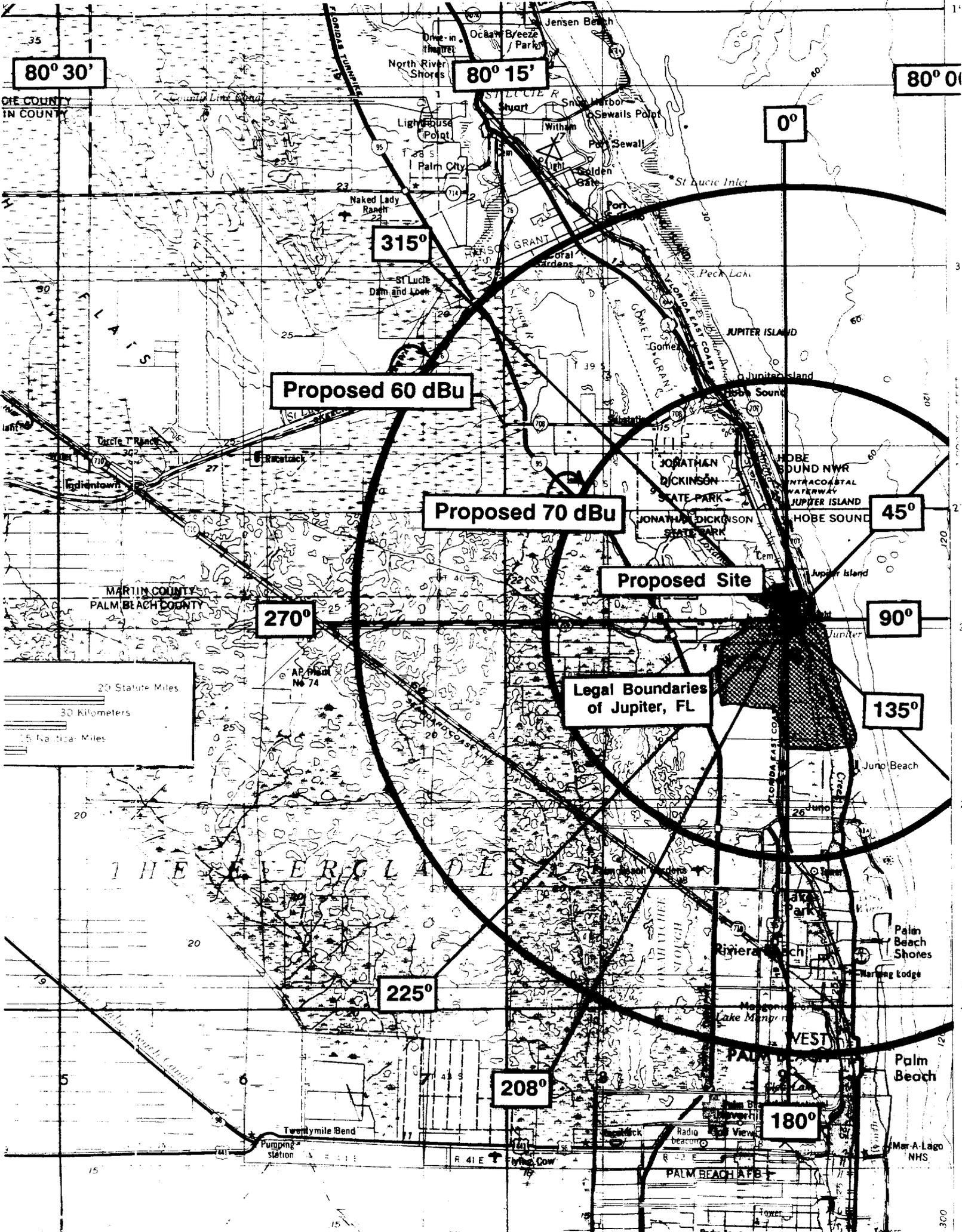
FIGURE 5
COVERAGE MAP
NEW FM STATION
CH. 258-A 99.5 MHz. 3 kW 100 METERS
JUPITER BROADCASTING INC.
JUPITER, FLORIDA
DECEMBER, 1988

FORT PIERCE

EASTERN UNITED STATES 1:250,000

WEST PALM BEACH





80° 30'

80° 15'

80° 00'

0°

315°

Proposed 60 dBu

Proposed 70 dBu

Proposed Site

Legal Boundaries of Jupiter, FL

45°

90°

135°

225°

208°

180°

ONE COUNTY IN COUNTY

MARTIN COUNTY PALM BEACH COUNTY

20 Statute Miles
30 Kilometers
15 Nautical Miles

THE EVERGLADES

